

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

11/19/10

Sulynn Walton
Assistant District Attorney, Suffolk County

Dear ADA Walton,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED] Included are copies of the following:

1. Drug Analysis Laboratory Receipt.
2. Curriculum Vitae for Annie Khan, and Daniel Renczkowski.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

I, Annie Khan (Dookhan), was the custodial chemist and performed the preliminary testing and net weight for this sample. Daniel Renczkowski was confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

Annie Khan (Dookhan)
Chemist II
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6631
Annie.Khan@state.ma.us

DRUG RECEIPT

CC #

BOOK #


PAGE #

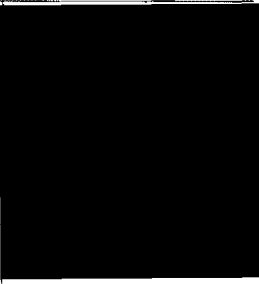
DESTRUCTION #

District/Unit BK01A

Name & Rank of Arresting Officer P.O. Dodd/Golden

ID# 12232/103158

| DEFENDANT'S NAME | ADDRESS | CITY | STATE |
|--|---------|------------|-------|
|  | | DORCHESTER | MA |

| DESCRIPTION OF ITEMS SUBMITTED | GROSS QUANTITY | LAB USE ONLY | |
|--------------------------------|----------------|--------------|--|
| | | GROSS WEIGHT | ANALYSIS NUMBER |
| CRACK COCAINE | 5 p/B | 2.93g |  |
| MARIJUANA | 10 p/B | 3.00g | |
| LE | 1 p/B | 1.98g | |
| | | | |
| | | | |
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| | | | |
| | | | |

To be completed by ECU personnel only

Name and Rank of Submitting Officer

Sgt. White

ID#

11064

Received by

EIO

Date

2-25-10

ECU Control #

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry

Experience:

2003 – present

Chemist II, Massachusetts Department of Public Health, Drug Analysis Laboratory

- *Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

- *Appointed Assistant Analyst by Assistant Commissioner of Public Health, January 2004.

- *Responsible for the identification of drugs to determine violations of harmful and narcotic drug laws.

- *Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

- *Maintenance and repairs of analytical instruments.

- *Maintain the Quality Control of analytical instruments and controls/standards.

- *Maintain the Quality Control/Quality Assurance program for the drug lab.

- *Notary Public

- *Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

- *Completed proficiency training conducted by a member of the staff within the Massachusetts Biologic Laboratory, Quality Control and Quality Assurance Department.

- *Routine QC testing of products for the FDA.

- *Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

- *Calibration, preventive maintenance, QC and QA of analytical instrumentation.

- *Writing, revising and reviewing Standard Operating Procedures (SOPs).

- *Complete testing of chemicals for Vendor Validation Project for the FDA.

- *Method Development for creating new techniques for the QC Department.

- *Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept of Justice – Forensics Professionals

GLP/GMP course with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS courses with Agilent Technologies and Restek.

HPLC course with Waters Cooperation.

FTIR course with Spectros.

TOC training with Massachusetts Biologic Laboratory and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

Curriculum Vitae

Daniel Renczkowski

Education

Degree: Bachelors of Science in Forensic Chemistry,
May 2005 from Buffalo State College
GPA: 3.84, Dean's List, Honor's Recognition
American Chemical Society Undergraduate Award
Phi Lambda Upsilon Membership

| | | |
|---------------------|-----------------------------|------------------------|
| Related Coursework: | Analytical Chemistry | Physical Chemistry |
| | Organic Chemistry I and II | Instrumental Chemistry |
| | Biochemistry | Forensics Laboratory |
| | Chemistry of Criminalistics | Physical Evidence |
| | Anatomy | Physiology |

Employment

Massachusetts Department of Public Health Drug Analysis Laboratory

Chemist I (October 2005 – March 2008)

Chemist II (March 2008 – present)

- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff
- Successfully completed GC/MS training program
- Responsible for the identification of substances to determine violation of the Controlled Substances Act of the Massachusetts General Laws
- Responsible for maintenance and repairs of analytical instruments
- Responsible for quality control of analytical instruments and standards

Related Experience

Niagara County Forensics Laboratory

Forensic Internship, January 2005

- Conducted research on the presumptive testing of saliva
- Conducted research on the identification and detection of lubricants
- Observed all aspects of the laboratory including drug analysis, firearms comparison, trace evidence, arson investigation, toxicology, and serology
- Daily use of FTIR microscope and DuraSamplerII
- Familiarized with GC/MS programs

No. [REDACTED]
City: Boston D.C.U. Police Dept.
Officer: P.O. SYBIL WHITE
Def: [REDACTED]

Date Analyzed:

7-6-10

Amount:
No. Cont: 5 Cont: pb
Date Rec'd: 02/25/2010
Gross Wt.: 2.93

Subst: SUB

No. Analyzed: 1
Net Weight: 0.13

Tests: 6 ASD
• 2 DJP

Prelim: cocaine @

Findings: Cocaine

No. [REDACTED]
City: Boston D.C.U. Police Dept.
Officer: P.O. SYBIL WHITE
Def: [REDACTED]

Date Analyzed: 07-13-10

Amount:
No. Cont: 1 Cont: pb
Date Rec'd: 02/25/2010
Gross Wt.: 3.00

Subst: VM

No. Analyzed:
Net Weight:

Tests: 3 ASD
MAC @ MAC @
DJ @
MARIJUANA

Prelim:

Findings:

No. [REDACTED]
City: Boston D.C.U. Police Dept.
Officer: P.O. SYBIL WHITE
Def: [REDACTED]

Date Analyzed: 07-13-10

Amount:
No. Cont: 1 Cont: pb
Date Rec'd: 02/25/2010
Gross Wt.: 1.98

Subst: VM

No. Analyzed:
Net Weight:

Tests: 3 ASD
MAC @ MAC @
DJ @
MARIJUANA

Prelim:

Findings:

GC/MS ⊕
G070110.5

gross wt = 1.7

gross wt = 0.6

DRUG POWDER ANALYSIS FORM

| | | | | | |
|----------|--|--------|--------|---------|----|
| SAMPLE # | | AGENCY | Boston | ANALYST | AW |
|----------|--|--------|--------|---------|----|

No. of samples tested:

Evidence Wt. ✓

PHYSICAL DESCRIPTION:

off white chunky substance
17. 5 pbs

Gross Wt (5): 1.2657

Gross Wt (μ): 0.2396

Pkg. Wt:

Net Wt: 0.1356

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate (—) +

Marquis

Froehde's

Mecke's

Microcrystalline Tests

Gold
Chloride $\frac{1}{2}$

TLTA (++

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS Cocaine

DATE 6-28-10

GC/MS CONFIRMATORY TEST

RESULTS Cocaine

MS
OPERATOR DSR.

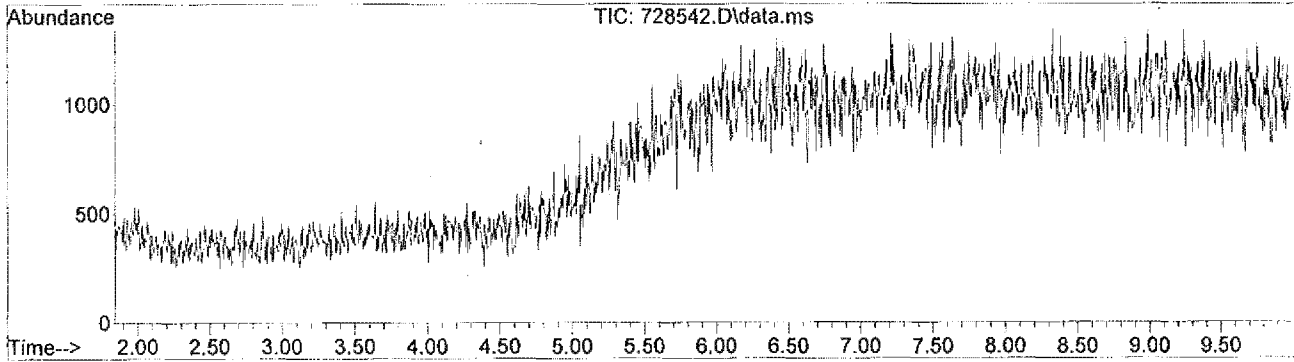
DATE 7-6-10

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 Operator : DJR
 Date Acquired : 1 Jul 2010 18:54
 Sample Name : BLANK
 Submitted by :
 Vial Number : 1
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

✓ DJR
 11-8-10



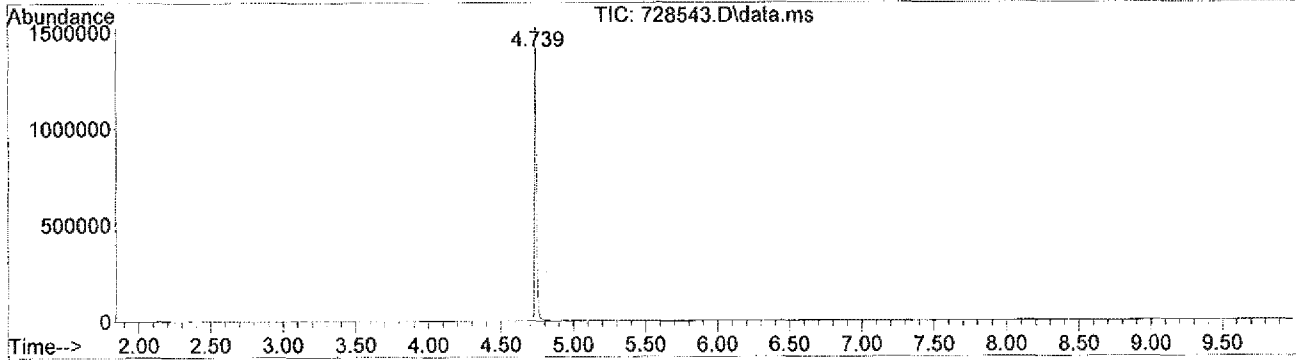
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

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 Operator : DJR
 Date Acquired : 1 Jul 2010 19:07
 Sample Name : COCAINE STD
 Submitted by :
 Vial Number : 43
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



| Ret. Time | Area | Area % | Ratio % |
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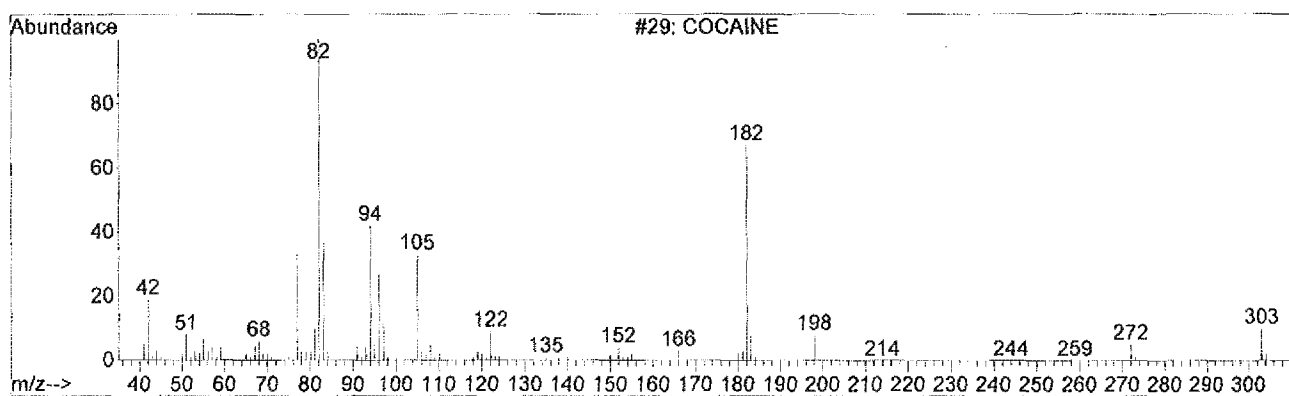
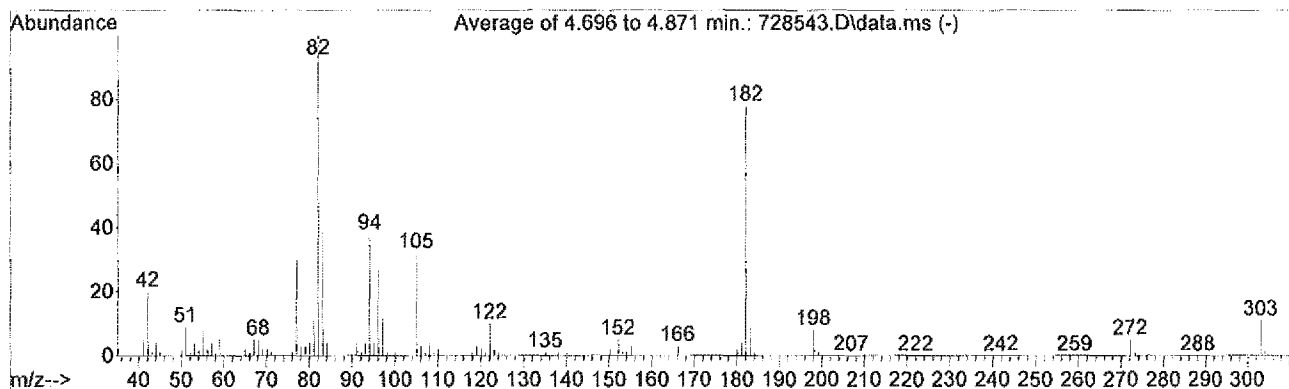
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Information from Data File:

File Name : C:\msdchem\1\System7\07_01_10\728543.D
 Operator : DJR
 Date Acquired : 1 Jul 2010 19:07
 Sample Name : COCAINE STD
 Submitted by :
 Vial Number : 43
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

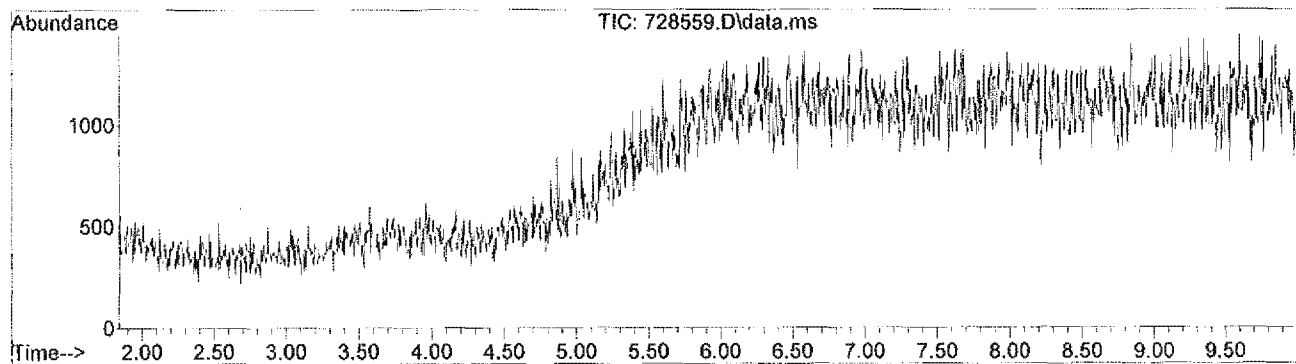
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|-----|------|------------------------------|-------------|------|
| 1 | 4.74 | C:\Database\SLI.L COCAINE | 000050-36-2 | 99 |



Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\07_01_10\728559.D
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Date Acquired : 1 Jul 2010 22:29
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



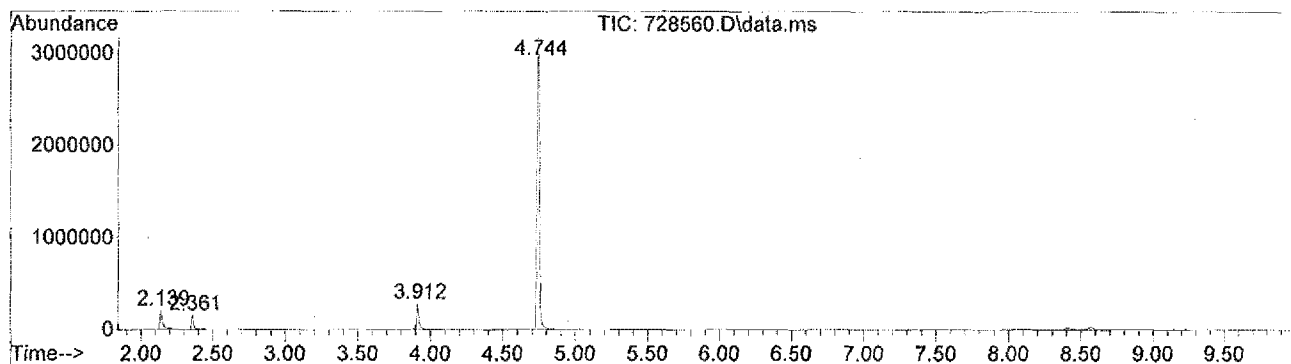
| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

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File Name : C:\msdchem\1\System7\07_01_10\728560.D
 Operator : DJR
 Date Acquired : 1 Jul 2010 22:42
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 60
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
| 2.139 | 262768 | 5.92 | 7.10 |
| 2.361 | 159937 | 3.60 | 4.32 |
| 3.912 | 321072 | 7.23 | 8.68 |
| 4.744 | 3698388 | 83.26 | 100.00 |

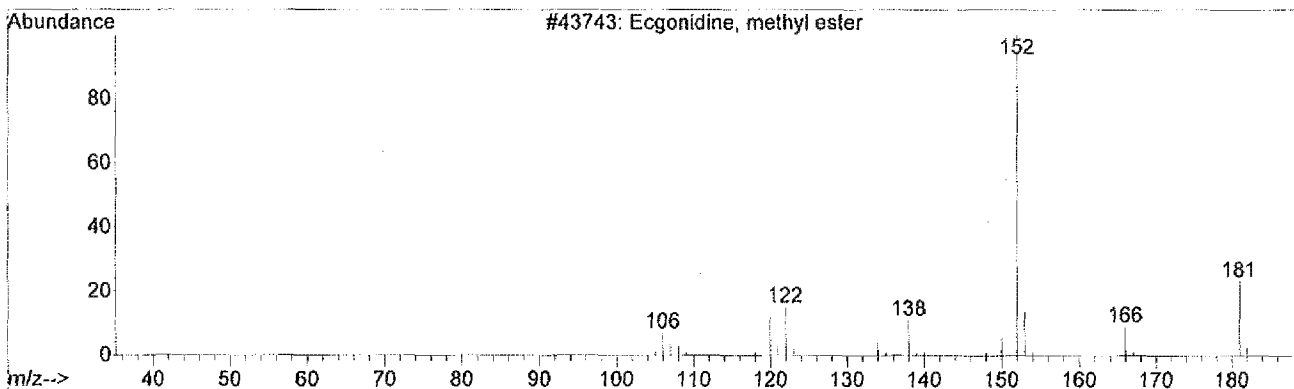
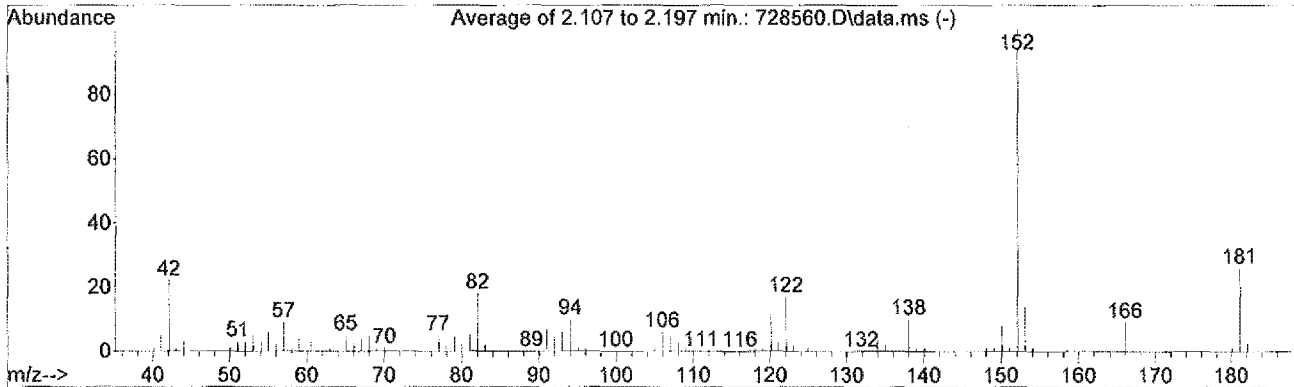
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 Operator : DJR
 Date Acquired : 1 Jul 2010 22:42
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 60
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-------------------------------------|-------------|------|
| 1 | 2.14 | C:\Database\NIST05a.L | | |
| | | Ecgonidine, methyl ester | 127379-24-2 | 98 |
| | | 2-Carbomethoxy-8-methyl-8-azabicycl | 043021-26-7 | 95 |
| | | 3,5-Dimethoxyphenethylamine | 003213-28-3 | 47 |



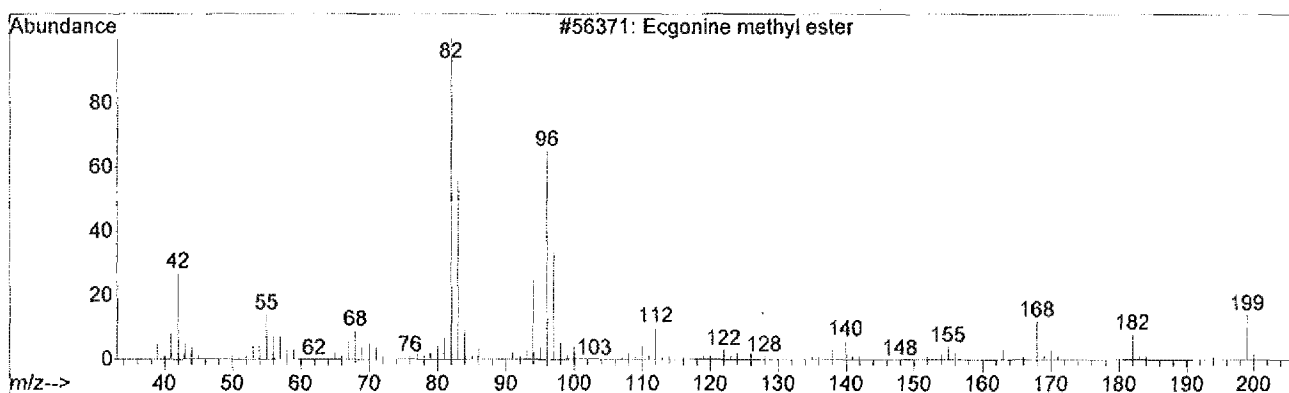
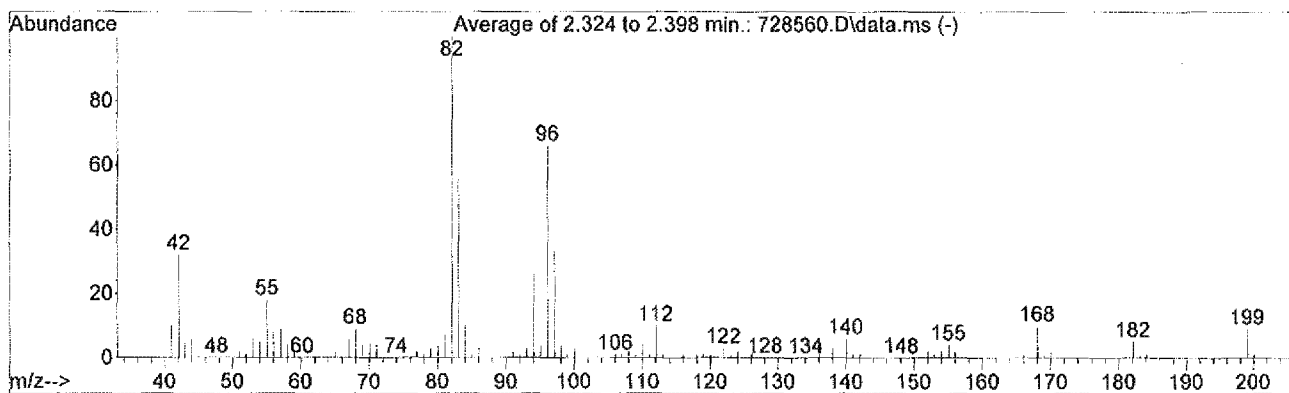
Area Percent / Library Search Report

Information from Data File:

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 Date Acquired : 1 Jul 2010 22:42
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 60
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-----------------------------|-------------|------|
| 2 | 2.36 | C:\Database\NIST05a.L | | |
| | | Ecgonine methyl ester | 106293-60-1 | 98 |
| | | Pseudoecgonine methyl ester | 099189-88-5 | 97 |
| | | Ecgonine methyl ester | 106293-60-1 | 97 |



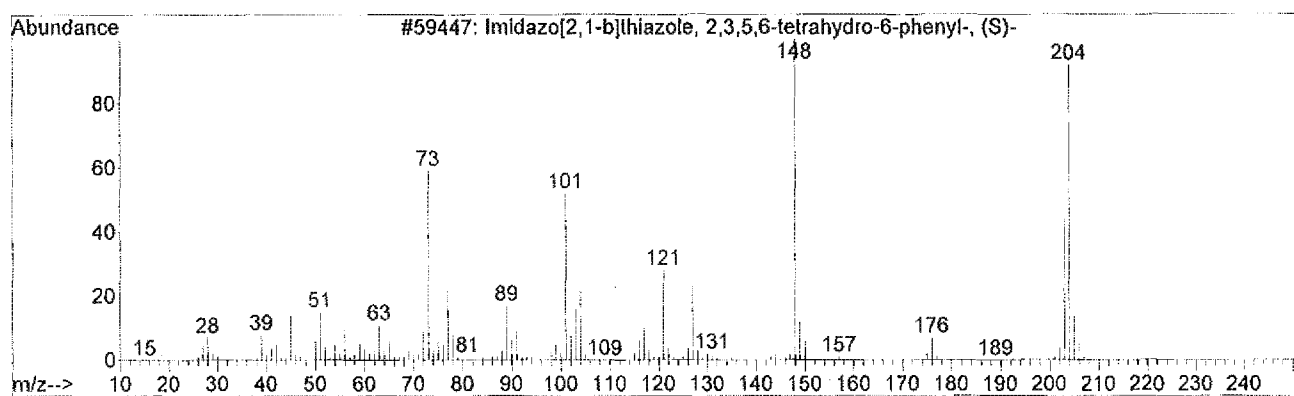
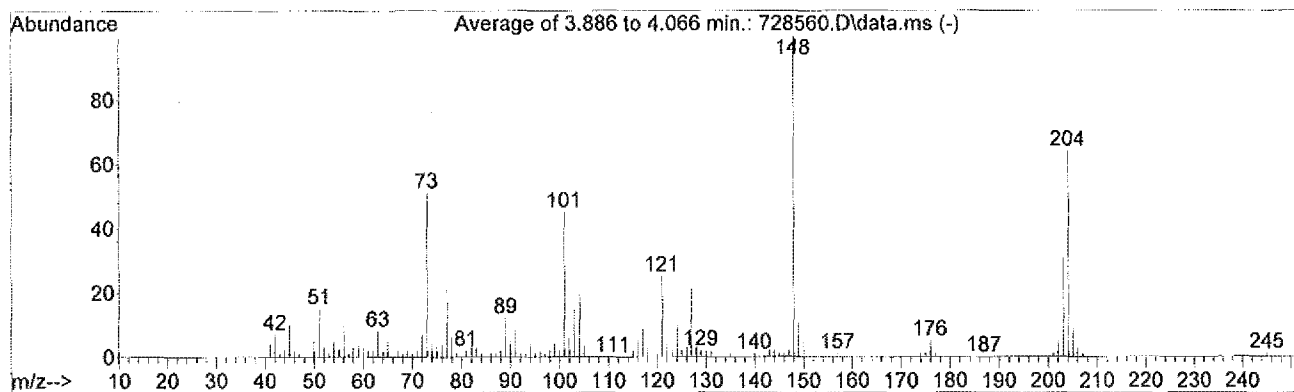
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 Operator : DJR
 Date Acquired : 1 Jul 2010 22:42
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 60
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-------------------------------------|-------------|------|
| 3 | 3.91 | C:\Database\NIST05a.L | | |
| | | Imidazo[2,1-b]thiazole, 2,3,5,6-tet | 014769-73-4 | 99 |
| | | Imidazo[2,1-b]thiazole, 2,3,5,6-tet | 006649-23-6 | 98 |
| | | Imidazo[2,1-b]thiazole, 2,3,5,6-tet | 006649-23-6 | 98 |



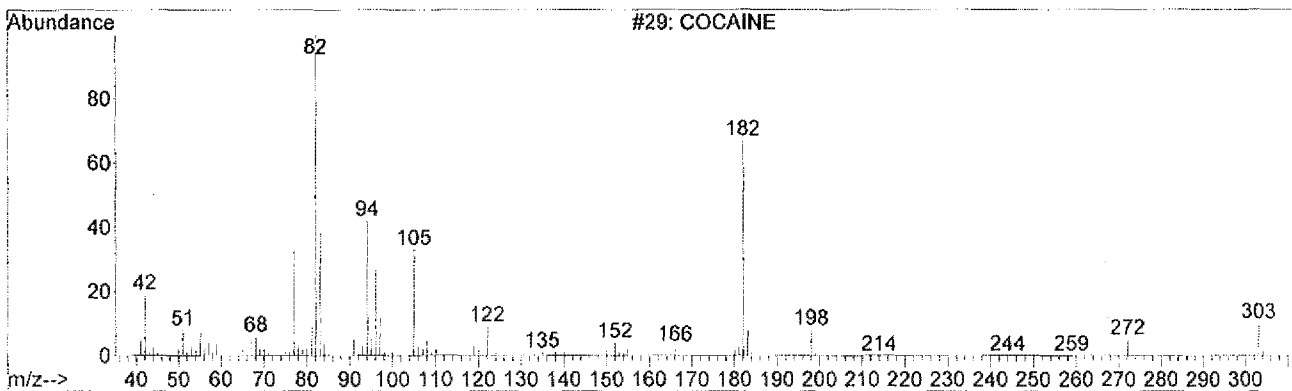
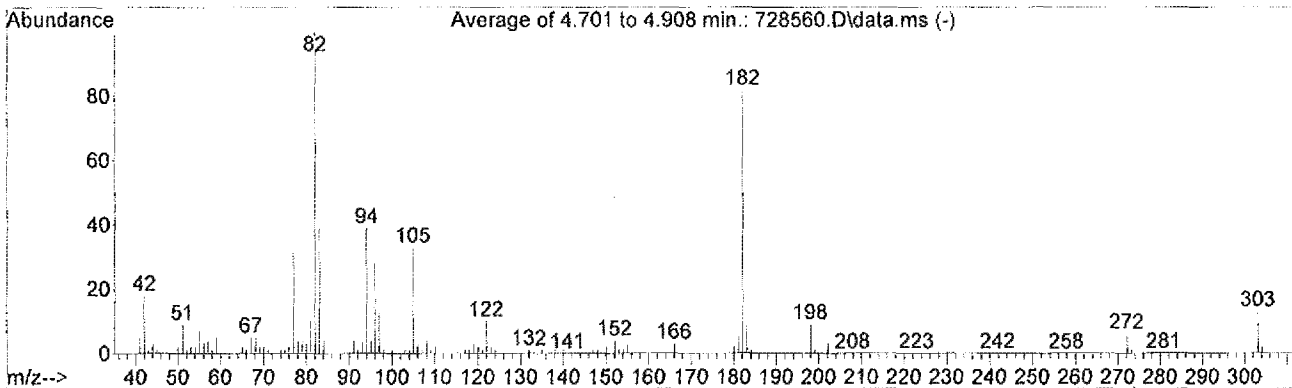
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 Operator : DJR
 Date Acquired : 1 Jul 2010 22:42
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 60
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
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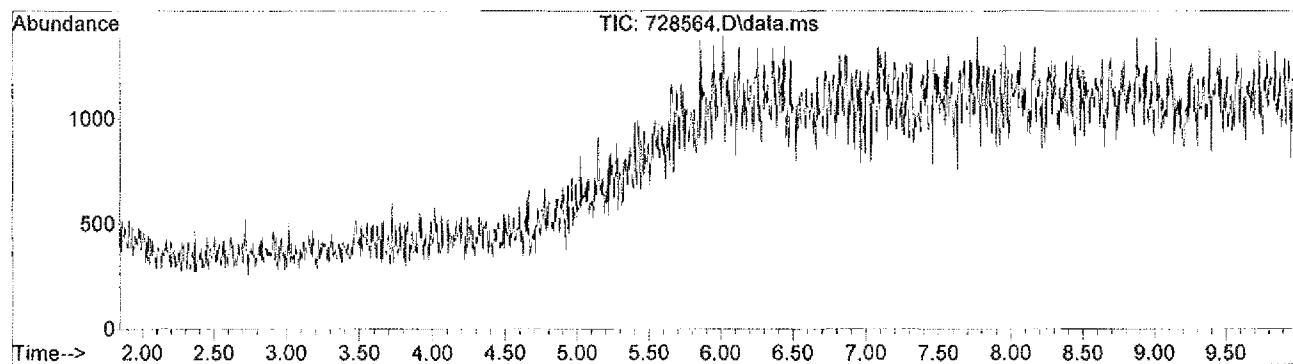
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| 4 | 4.74 | C:\Database\SLI.L COCAINE | 000050-36-2 | 99 |



Area Percent / Library Search Report

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 Date Acquired : 1 Jul 2010 23:32
 Sample Name : BLANK
 Submitted by :
 Vial Number : 2
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



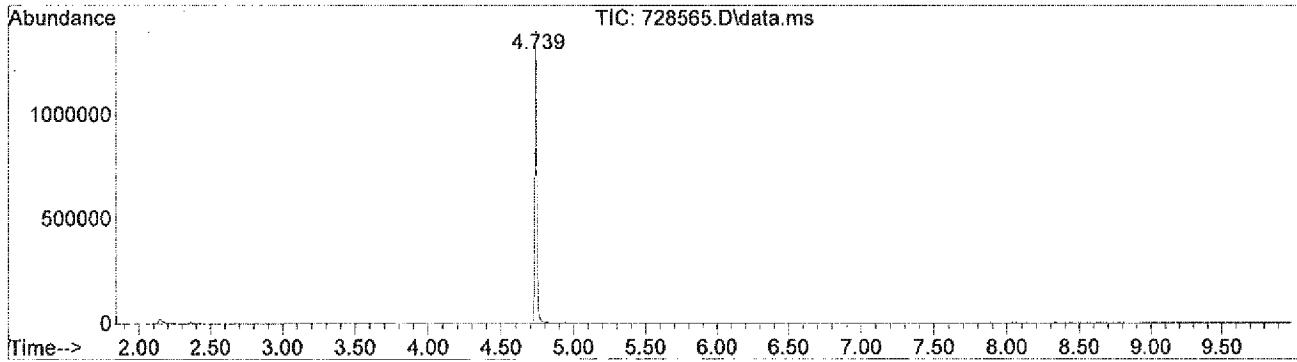
| Ret. Time | Area | Area % | Ratio % |
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\07_01_10\728565.D
 Operator : DJR
 Date Acquired : 1 Jul 2010 23:45
 Sample Name : COCAINE STD
 Submitted by :
 Vial Number : 65
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
| 4.739 | 1317834 | 100.00 | 100.00 |

Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\07_01_10\728565.D
 Operator : DJR
 Date Acquired : 1 Jul 2010 23:45
 Sample Name : COCAINE STD
 Submitted by :
 Vial Number : 65
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|------------------------------|-------------|------|
| 1 | 4.74 | C:\Database\SLI.L COCAINE | 000050-36-2 | 99 |

